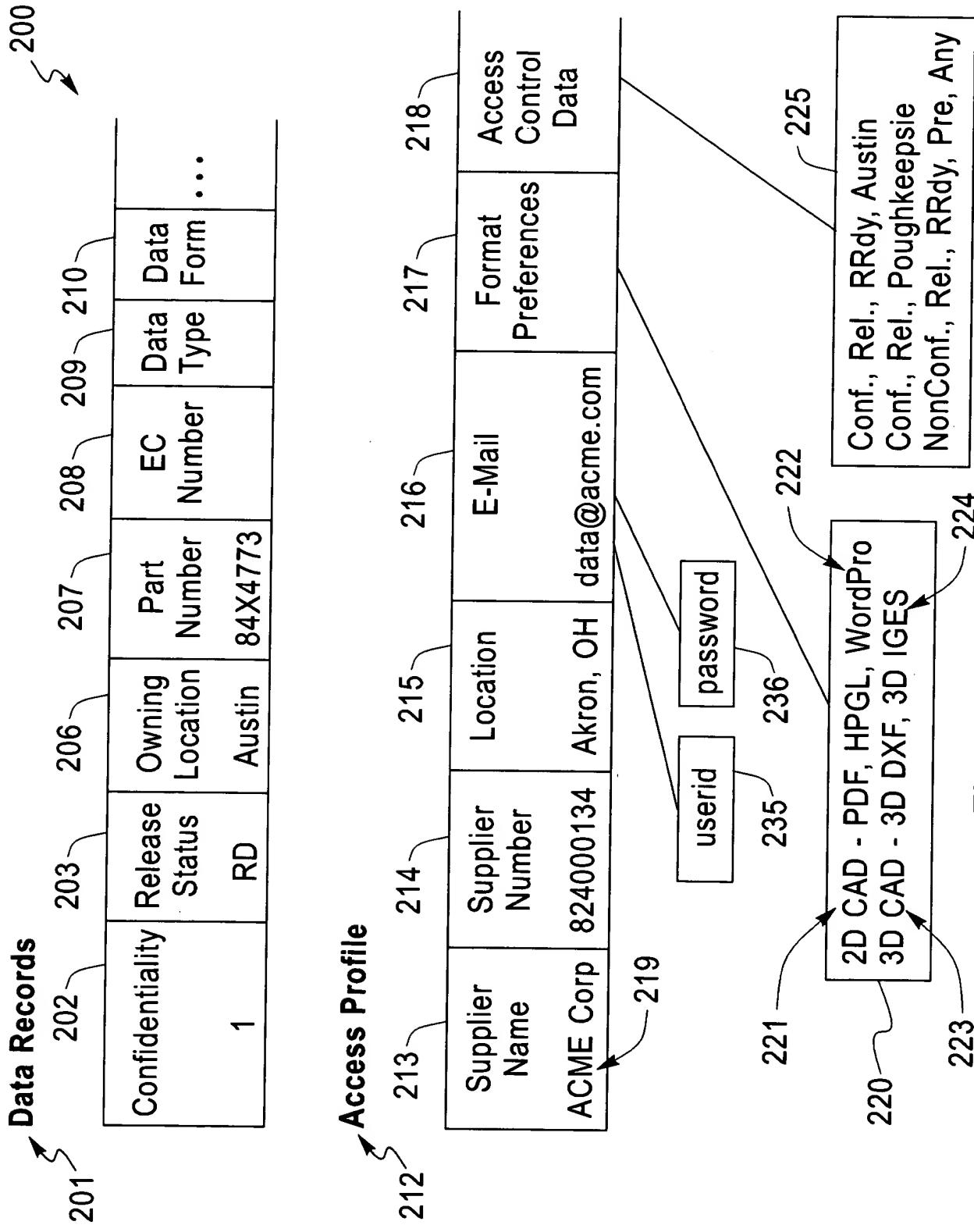


Fig. 1



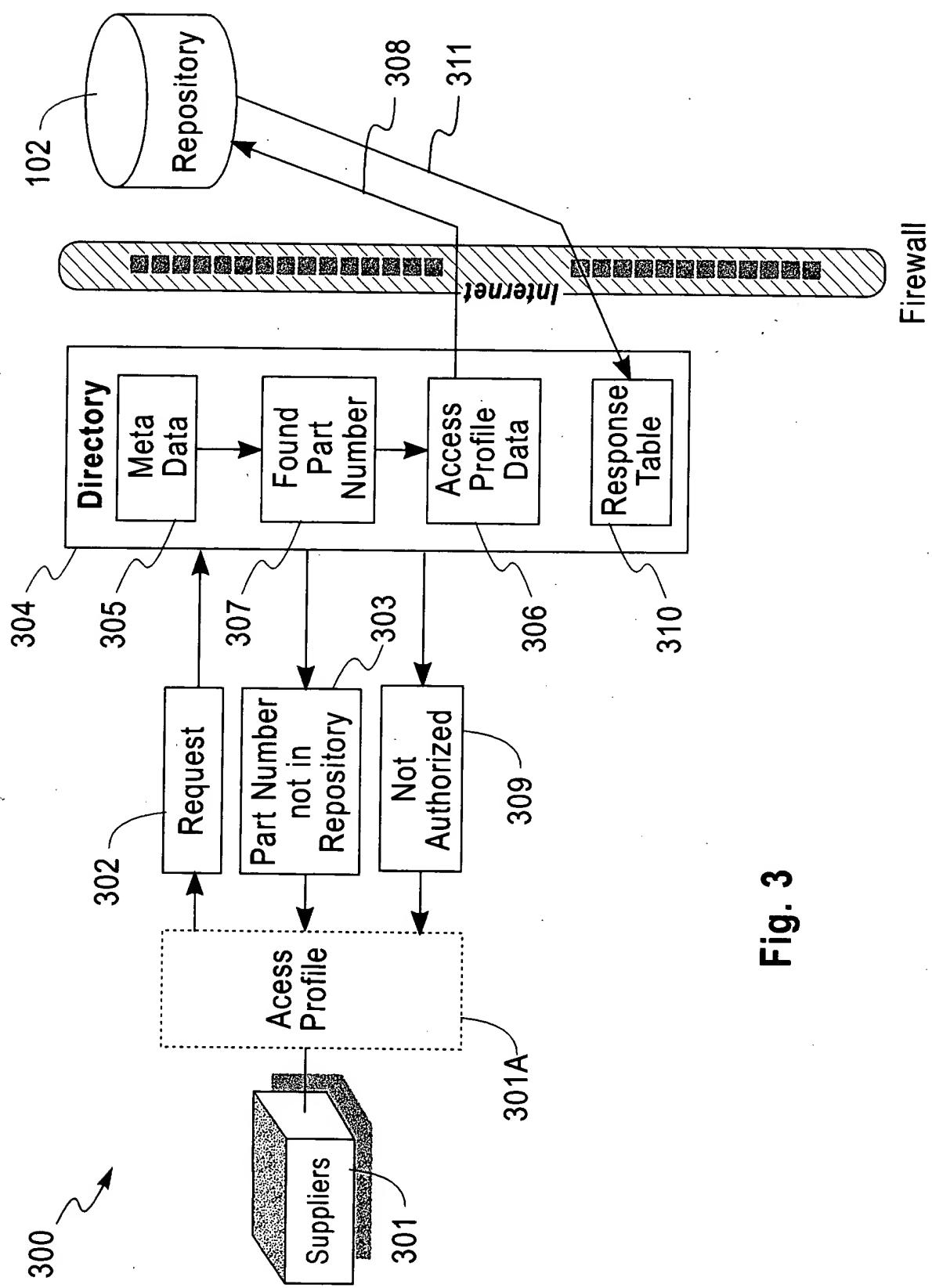
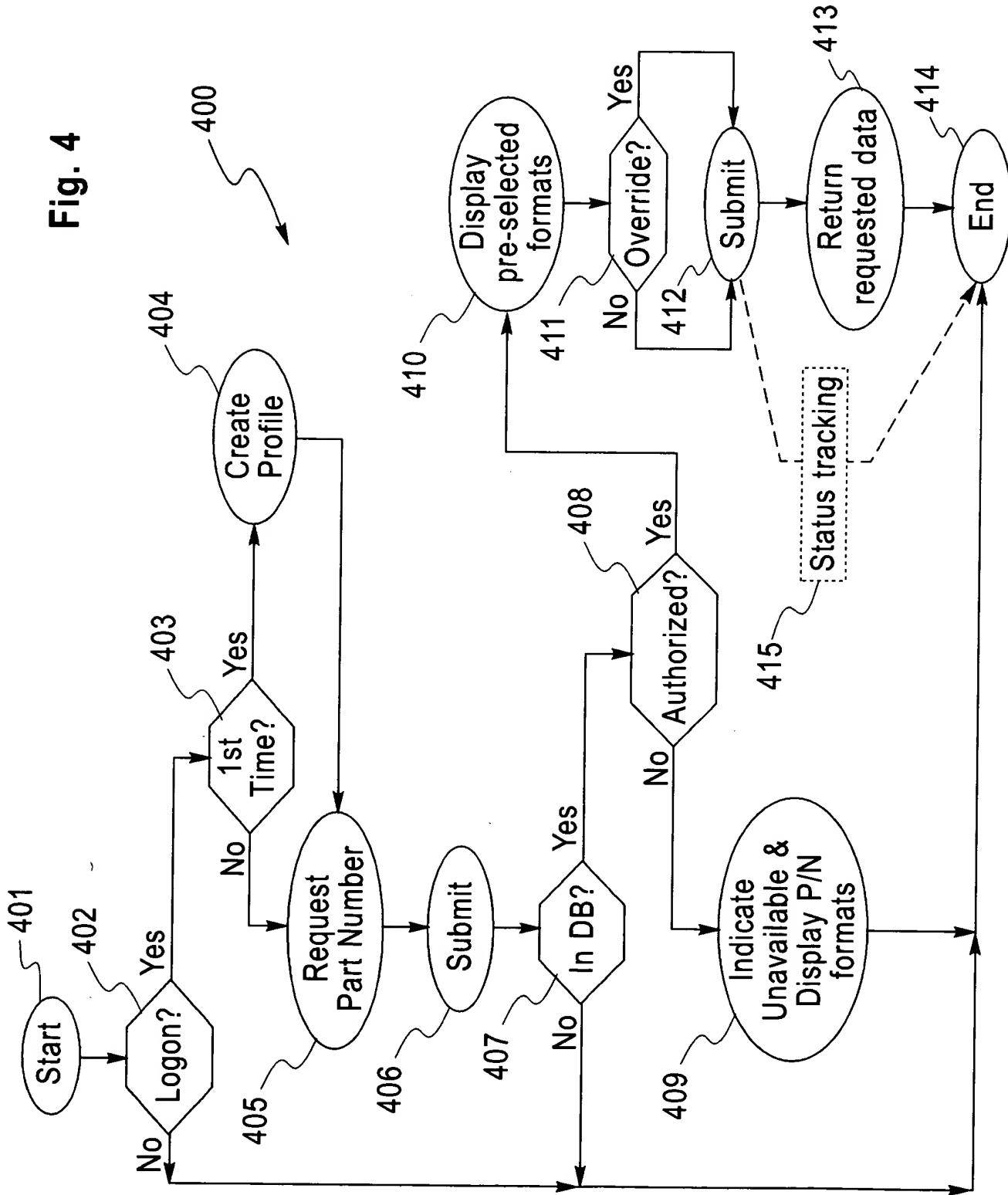


Fig. 3

Fig. 4



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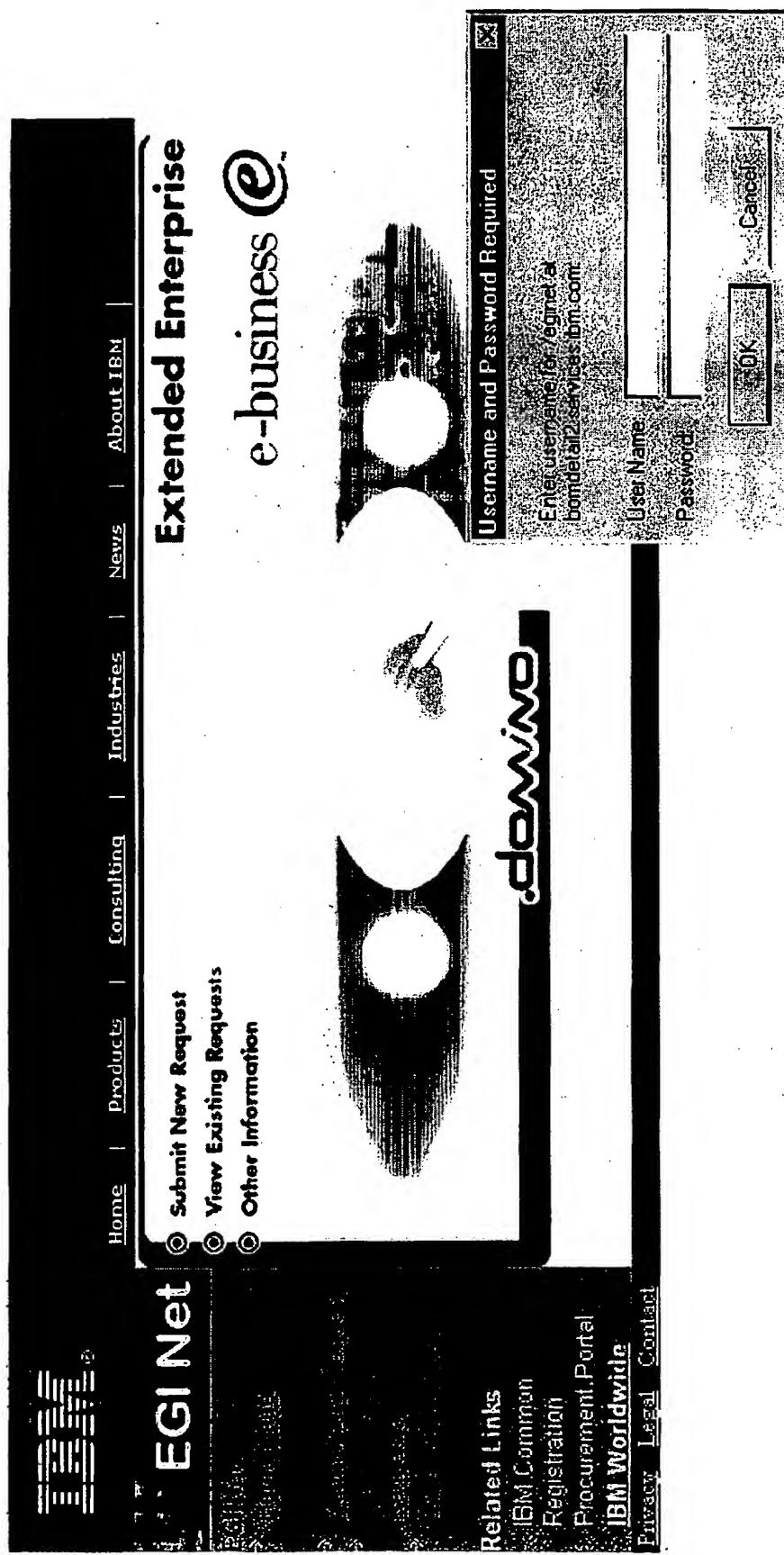


Fig. 5A

*User File Format Preferences*

<b>2D Format:</b>	<b>3D Format:</b>	<b>Other Format:</b>
<input type="checkbox"/> 2D CADAM Model <input type="checkbox"/> 2D DXF - Drafting Data <input checked="" type="checkbox"/> 2D HPGL - Drafting Data <input type="checkbox"/> 2D HPGL - Schematic Data <input type="checkbox"/> 2D IGES - Drafting Data <input type="checkbox"/> 2D PDF - Drafting Data <input checked="" type="checkbox"/> 2D TIFF - Drafting Data <input type="checkbox"/> 2D Viewport - Drafting Data <input type="checkbox"/> CATIA Model(CATEXP) <input type="checkbox"/> CorelDRAW Data <input type="checkbox"/> CorelDRAW PDF Data <input type="checkbox"/> DDLOGIC Data <input type="checkbox"/> DDPHYSI Data <input type="checkbox"/> ECNOTICE Text <input type="checkbox"/> Gerber Data <input type="checkbox"/> IGES Data <input type="checkbox"/> IMAGE Data (IBM IOCA) <input type="checkbox"/> Lotus WordPro Document <input type="checkbox"/> MIIF Data <input type="checkbox"/> NCDRII Data <input type="checkbox"/> PKZIP (Compressed) Data <input type="checkbox"/> PostScript Data <input type="checkbox"/> TDIBOM Data <input type="checkbox"/> TDITXT Data <input type="checkbox"/> WordPro PDF Data	<input type="checkbox"/> 3D DXF - Wireframe Geometry <input type="checkbox"/> 3D IGES - Surface Geometry <input checked="" type="checkbox"/> 3D IGES- Wireframe Geometry <input type="checkbox"/> 3D Pro/E Part <input type="checkbox"/> 3D STEP - Geometry Data <input type="checkbox"/> CATIA Model (CATEXP) <input type="checkbox"/> IGES Data	<input type="checkbox"/> Nothing

**Fig. 5B**

## Electronic Graphic Interchange Request

Request Number:

Submitted By: Matthew Rosenthal@IBM

IBM Site:

Amsterdam

IBM Contact Name: \_\_\_\_\_

IBM Part Number	Engineering Change #	Formats Available	Status	Release Date	Basic Name
0000037L0319	10000E73488X	<input type="checkbox"/> 2D PDF - Drafting Data <input type="checkbox"/> 2D DXF - Drafting Data <input checked="" type="checkbox"/> 2D HPGL - Drafting Data <input type="checkbox"/> 2D IGES - Drafting Data <input type="checkbox"/> 2D Viewport - Drafting Data <input type="checkbox"/> 3D DXF - Wireframe Geometry <input checked="" type="checkbox"/> 3D IGES - Wireframe Geometry <input type="checkbox"/> 3D Pro/E Part	RD	2000-06-15	Bracket
		<input type="checkbox"/> 3D STEP - Geometry Data <input type="checkbox"/> CATIA Model(CATEXP) <input type="checkbox"/> 3D IGES - Surface Geometry <input type="checkbox"/> Bill of Materials			

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Fig. 5C



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### View existing requests

Download IBM Part# EC Num File Type Date Sent Date Downloaded Sent By

- 1: New Requests
- 2: Work in Progress
- 3: Ready for Download
- 4: Download Complete

### View existing requests

Download IBM Part# EC Num File Type Date Sent Date Downloaded Sent By

- ▼ 1: New Requests  
[0000037L0319](#) 10000E73488X 2D HPGL Drafting Data
- ▼ 2: Work in Progress  
[0000011DP001](#) 10000SYTSTM 2D DXF - Drafting Data
- ▼ 3: Ready for Download
  - └ [0000011DP003](#) 10000SYTST2A 2D HPGL - Drafting Data 09/14/2000 02:19:45 PM Eginet Support
  - └ [0000011DP003](#) 10000SYTST2A 2DIGES - Surface Geometry 09/14/2000 02:20:25 PM Eginet Support
- ▼ 4: Download Complete
  - └ [0000011DP003](#) 10000SYTSI2A 2D DXF - Drafting Data 09/14/2000 02:19:48 PM 09/14/2000 04:14:16 PM Eginet Support

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**Fig. 5D**

Fig. 6

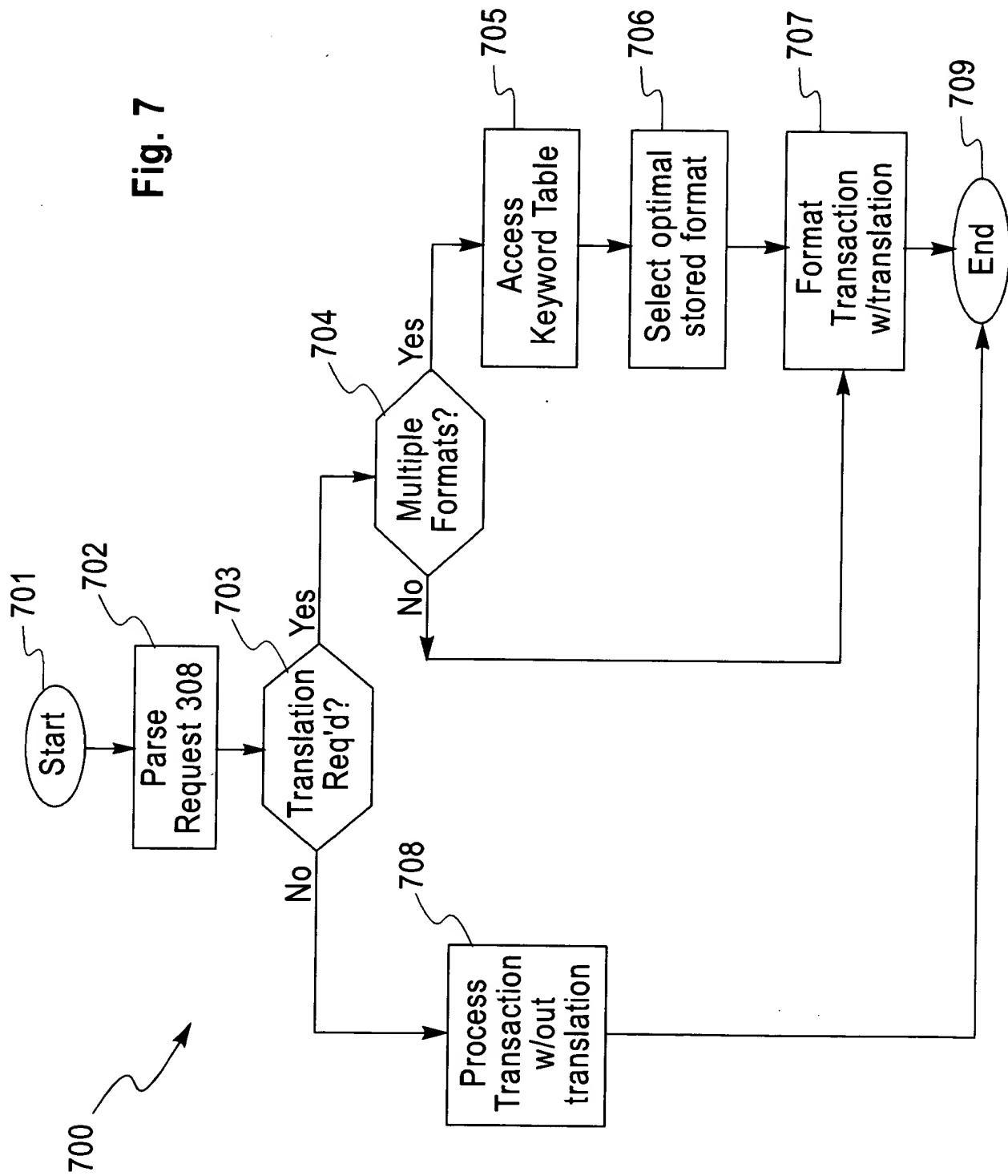
The diagram illustrates a system architecture with the following components and interactions:

- External Firewall:** Represented by a thick vertical rectangle labeled "101C".
- Internal Firewall:** A dashed rectangle labeled "Push/Pull".
- Browser:** A box labeled "301" connected to a "Webserver" box.
- Webserver:** A box labeled "304" containing a cylinder labeled "Conversion".
- Keyword Table:** A cylinder labeled "611".
- Conversion Logic:** A box labeled "610" connected to the Keyword Table.
- Java Agent:** A box labeled "603" connected to the Keyword Table via "Incoming Transactions".
- EJB'S:** A box labeled "605" connected to the Java Agent via "Submit Transactions".
- Websphere Application Server:** A dashed rectangle containing:
  - A cylinder labeled "Access profile db Meta data" connected to the Keyword Table.
  - A cylinder labeled "Data" connected to another cylinder labeled "612".
  - A box labeled "API".
- Conversion:** A cylinder labeled "609" connected to the Data cylinder.
- Firewall:** A thick vertical rectangle labeled "101C".
- Push/Pull:** A dashed rectangle labeled "Push/Pull".
- Keywords:** A cylinder labeled "601" connected to the Push/Pull.
- Profile db:** A cylinder labeled "602" connected to the Push/Pull.
- Notes mail id:** A cylinder labeled "604" connected to the Push/Pull.
- Data:** A cylinder labeled "612" connected to the Push/Pull.
- HTTP:** A dashed rectangle labeled "HTTP" connected to the API box.
- API:** A box labeled "607" connected to the Push/Pull.
- Conversion:** A cylinder labeled "608" connected to the Push/Pull.

Annotations:

- "Conversion" is labeled near the cylinder in the Webserver box.
- "Push/Pull" is labeled near the dashed rectangle in the Internal Firewall.
- "External Firewall" is labeled near the thick rectangle.
- "Internal Firewall" is labeled near the dashed rectangle.
- "Insert, updates, deletes are sent to a notes mail id" is a note above the cylinder "604".

Fig. 7



800

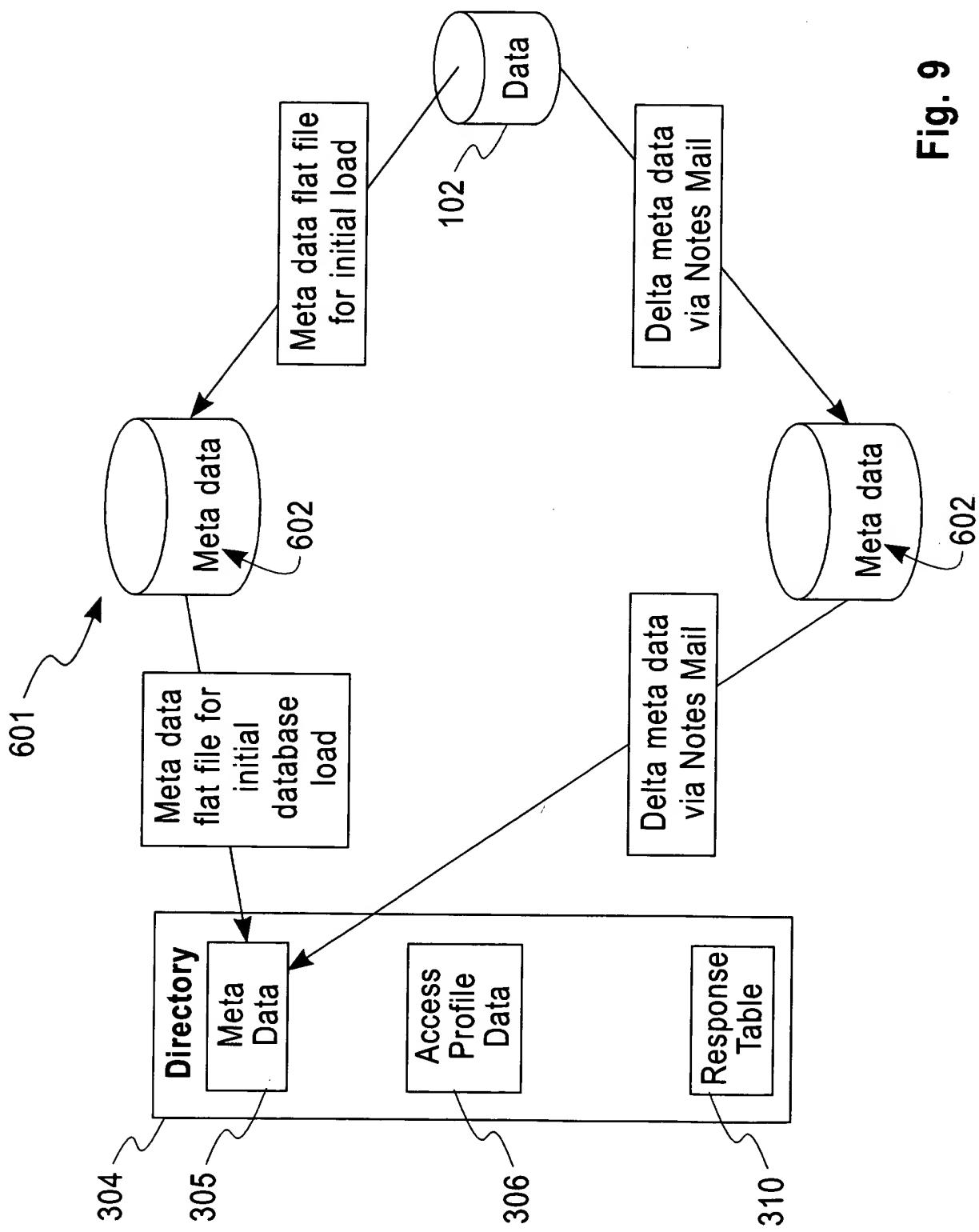
## Keyword Table

Descriptor	Precedence	Divide	Draftin	Drawin	Format
► EGINET Map Tables					
► Keywords					
► Supplier Restrictions					
Q By Location Name					
Q By Location Number					
Q By Supplier Number					
► SupplierParms					
► 2D					
Q By Description					
Q Lookup					
► 3D					
Q By Description					
Q By Format Precedenc					
Q By Lookup					
Q Agents					

Descriptor	Precedence	Divide	Draftin	Drawin	Format
► 2D CADAM Model					
► 2D DXF - Drafting Data					
► 2D HPGL - Drafting Data					
► 2D HPGL - Schematic Data					
► 2D IGES - Drafting Data					
► 2D PDF - Drafting Data					
► 2D TIFF - Drafting Data					
► 2D Viewport - Drafting Data					

Descriptor	Precedence	Divide	Draftin	Drawin	Format
► 2D CADAM Model	1	CADAM	DRAW		2D Format File
► 2D DXF - Drafting Data	1	CATIA	DRAW		2D Format File
► 2D HPGL - Drafting Data	2	CATIA	MODEL		2D Format File
► 2D HPGL - Schematic Data	3	CATIA	SIMPL		2D Format File
► 2D IGES - Drafting Data	1	HPGL	*(all dforms)		2D Format File
► 2D IGES - Schematic Data	2	CATIAPLT	HPGL		2D Format File
► 2D IGES - Drawing Data	3	CADAM	DRAW		2D Format File
► 2D IGES - Drawing Data	4	CATIA	DRAW		2D Format File
► 2D IGES - Drawing Data	5	CATIA	MODEL		2D Format File
► 2D IGES - Drawing Data	1	HPGLSCH	*(all dforms)		2D Format File
► 2D IGES - Drawing Data	1	IGESE	DRAW		2D Format File
► 2D IGES - Drawing Data	2	CATIA	DRAW		2D Format File
► 2D IGES - Drawing Data	3	CATIA	MODEL		2D Format File
► 2D IGES - Drawing Data	4	CATIA	SIMPL		2D Format File

Fig. 8



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